

NRC INSPECTION MANUAL

PART 9900: TECHNICAL GUIDANCE

STS300.TG

STANDARD TECHNICAL SPECIFICATIONS SECTION 3.0 OPERABILITY AND ACTION STATEMENT REQUIREMENTS

A. PURPOSE

To provide the NRC position concerning operability requirements for redundant systems as they relate to Technical Specification action statements.

B. DISCUSSION

When an item (i.e., system, subsystem, train, components, or device) addressed in a Technical Specification limiting condition for operation, (LCO), becomes inoperable, the applicable LCO action statement is the governing requirement for continued plant operation provided that:

1. Procedures exist and are implemented for administratively verifying operability of items whose redundant counterparts have been declared inoperable. These procedures shall also include administrative verification of operability of supporting and supported items. For example, when one of two ECCS pumps is taken out of service, appropriate logs or similar documents should be reviewed to verify operability of emergency power, water supplies, and other essential services, and operability of valves and other components in the train.
2. The administrative verification shall be initiated immediately upon discovering an item inoperable and be completed within two hours. However, when equipment is to be taken out of service for maintenance the verification must be performed prior to removal from service.
3. If during this administrative verification a redundant counterpart to the inoperable item is discovered to also be inoperable, the LCO shall be considered as not being met and the plant shall be shutdown or any remedial action permitted by the Technical Specifications followed until the LCO can be met.

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